

### ABSTRACT OF THE DISCLOSURE

A locking mechanism for a support leg hingedly attached to a support surface includes a base, attached to the support surface, with a plurality of angularly spaced, radial teeth, and a coupler, attached to the support leg, having a plurality of angularly spaced, radial teeth configured to mate with the teeth of the base. A selectively releasable engagement mechanism is configured to engage and disengage the teeth of the base with the teeth of the coupler, to allow selective rotation of the support leg between an extended position and a folded position, and to lock the leg in the extended or folded position.

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